

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

O P E
JUN 04 2004
U.S. PATENT & TRADEMARK OFFICE
SEARCHED INDEXED
In re application of) Examiner: E. MANTIS MERCADER
Jasjit S. SURI et al.)
Serial No.: 10/010,773) Art Unit: 3737
Filed: November 13, 2001) Confirmation: 2745
For: ANGIOGRAPHY METHOD)
AND APPARATUS)
Date of Last Office Action:)
March 2, 2004)
Attorney Docket No.:) Cleveland, OH 44114
PKRZ 2 00702 /PHUS017044US) June 2, 2004

RECEIVED
JUN 17 2004
TECHNOLOGY CENTER R3700

37 CFR 1.97(c)
INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

At the present time, the applicants wish to bring the enclosed references to the attention of the Examiner. The applicants ask that the Examiner consider these references. Copies of the cited references are enclosed. The applicants also enclose a form PTO-1449 listing the cited references for the Examiner's convenience.

A check in the amount of \$180.00 for the 37 CFR 1.17(p) submission fee is enclosed.

An allowance of all claims and an indication that the references have been considered is requested.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP

Thomas E. Kocovsky, Jr.
Reg. No. 28,383
1100 Superior Avenue
Seventh Floor
Cleveland, OH 44114-2579
(216) 861-5582

06/07/2004 SMINASS1 00000043 10010773

02 FC:1806

180.00 0P

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)	Examiner: E. MANTIS MERCADER
Jasjit S. SURI et al.)	
)	Art Unit: 3737
Serial No.: 10/010,773)	
)	Confirmation: 2745
Filed: November 13, 2001)	
)	
For: ANGIOGRAPHY METHOD)	
AND APPARATUS)	
)	
Date of Last Office Action:)	
March 2, 2004)	
)	
Attorney Docket No.:)	Cleveland, OH 44114
PKRZ 2 00702 /PHUS017044US)	June 2, 2004

CERTIFICATE OF MAILING

I hereby certify that this **37 CFR 1.97(d) INFORMATION DISCLOSURE STATEMENT** in connection with U.S. Patent Application Serial No. 10/010,773 is being deposited with the United states Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 2, 2004.

By: Hilary McNulty

Subst. Form PTO-1449 APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT		Atty. Dkt No.: PKRZ 2 00702		Serial No.: 10/010,773			
		Applicant(s): SURI et al.					
		Filing Date: November 13, 2001		Group: 3737			
				Confirmation: 2745			
U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Subcl.	Filing Date
	AA	6,073,042	06/06/2000	Simonetti	600	420	09/25/1997
	AB	6,058,218	05/02/2000	Cline	382	254	11/10/1997
	AC	5,832,134	11/03/1998	Avinash, et al.	382	257	11/27/1996
	AD	5,699,799	12/23/1997	Xu, et al.	128	653.1	03/26/1996
	AE	5,570,404	10/29/1996	Liang, et al.	378	8	09/30/1994
OTHER ART							
	AH	Stein, et al. "Tracing of Thin Tubular Structures in Computer Tomographic Data", Computer Aided Surgery 3:83-88 (1998)					
	AI	Sato, et al., "Three-Dimensional Multi-Scale Line Filter For Segmentation and Visualization of Curvilinear Structures in Medical Images", Medical Image Analysis (1998) V. 2, N. 2 pp 143-168					
	AJ	Anderson, et al., "Artifacts in Maximum-Intensity-Projection Display of MR Angiograms", AJR 154:623-629 March 1990					
	AK	Suri, et al., "Shape Recovery Algorithms Using Level Sets in 2-D/3-D Medical Imagery: A State-of-the-Art Review", IEEE Trans. On Information Technology in Biomedicine, V. 6, N. 1, Mar. 2002					
	AL	Suri, "2-D Fast MR Brain Segmentation", Int'l Journal of Engineering in Medicine & Biology (EMBS) V. 20, N. 4, pp. 84-95, July/Aug 2001					
	AM	Suri, "White Matter/Gray Matter Boundary Segmentation Using Geometric Snakes: A Fuzzy Deformable Model", Singh, et al. (Eds.): ICAPR 2001, LNCS 2013, pp. 331-338, 2001					
	AN	Wust, et al., "Evaluation of Segmentation Algorithms For Generation of Patient Models in Radiofrequency Hyperthermia", Phys. Med. Biol. 43 (1998) 3295-3307					
Examiner:				Date Considered:			
<p>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

CERTIFICATE OF MAILING

I hereby certify that this PTO-1449 and references in connection with U.S. Patent Application Serial No. 10/010,773 are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 2nd day of June, 2004.

By: Silvia McNeely